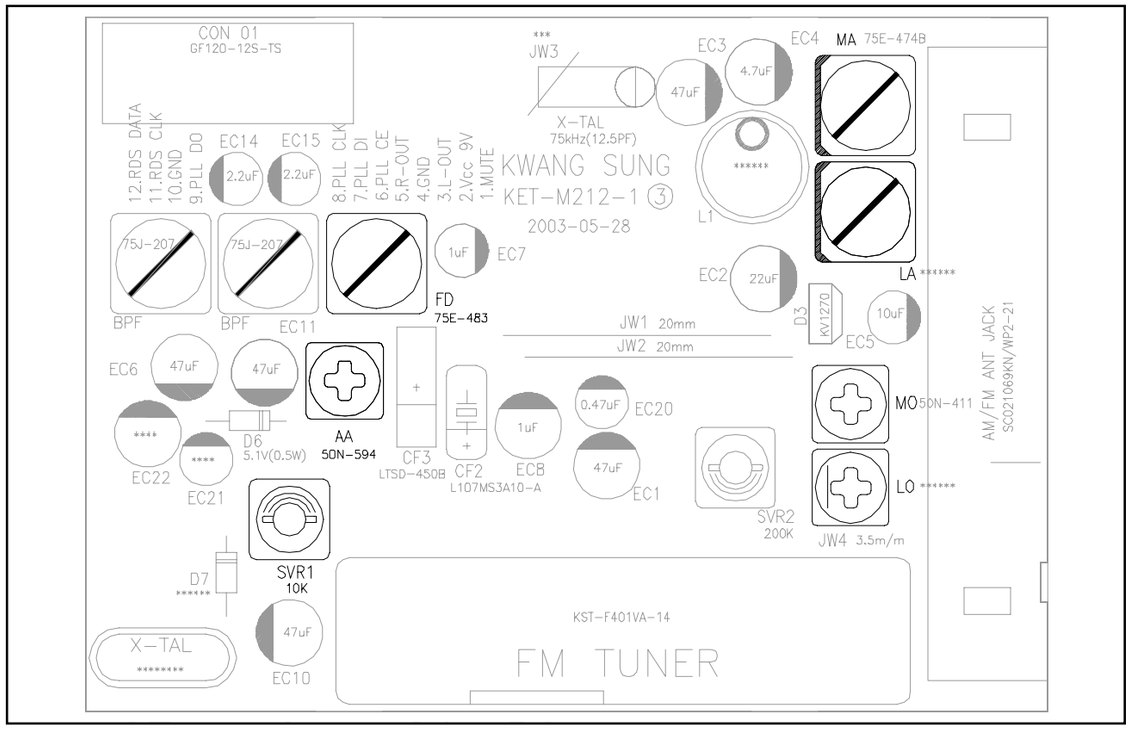
1. Alignment and Adjustments

1-1. Tuner



* Adjustment Location of Tuner PCB

ITEAM	AM(MW) OSC Adjustment	AM(MW) RF Adjustment
Received FREQ.	522~1611 KHz	594 KHz
Adjustment point	MO	MA
Output	1~7.0±0.5V	Maximum Output(Fig1-4)

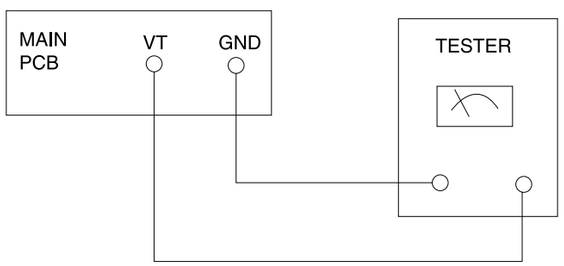


Fig 1-4 OSC Voltage

FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (FM DET)	FD
Output	60 dB
Minumum Distortion (0.4% below) (Figure 1-1)	

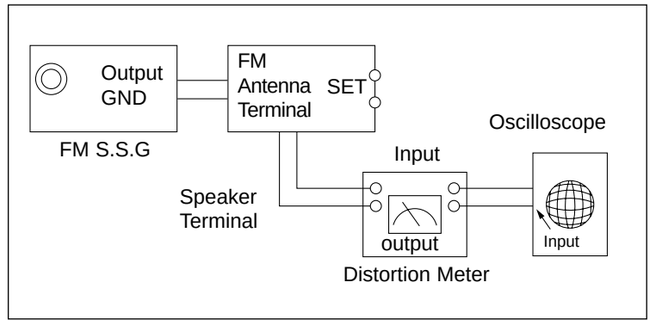


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (SVR1)	SVR1 (10KΩ)
Output	28 dB(±2dB)
Adjust SVR1 so that “STEREO” of VFD is lighted (Figure 1-2)	

*Adjust FM S.S.G level to 28dB

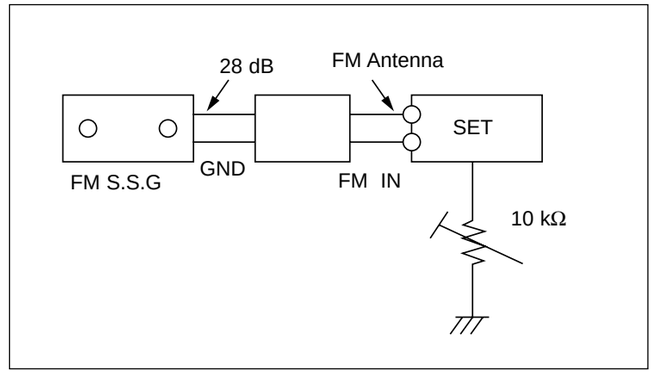


Figure1-2 FM Auto Search Level Adjustment

AM(MW) I.F Adjustment	
SSG FREQ.	450 kHz
Frequency	522 kHz
Adjustment point	AA
Maximum output (Figure 1-3)	

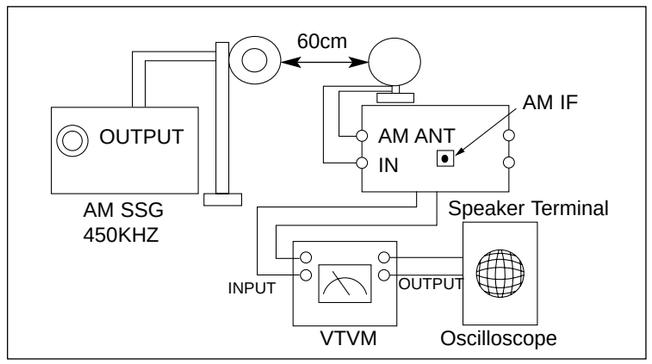


Figure1-3 AM I.F Adjustment

1-2 Cassette Deck

1. HEAD REPLACEMENT

   After replacement, demagnetize. The heads by using a degausser.

   Be sure to clean the heads before attempting to make any adjustments.

   All wiring should be returned to the original position after work is completed.

2. HEAD AZIMUTH ADJUSTMENT

(1) Load the test tape(VTT-703,etc., 10KHZ) for azimuth adjustment.

(2) Press the PLAY button.

(3) Use a cross-tip screwdriver to turn the screw for azimuth adjustment so that left and right output are maximized

(4) Press the STOP button.

(5) After completion of the adjustment, use thread lock (TB-1401B) to secure the azimuth-adjustment screw.

3. MOTOR REPLACEMENT

4. AC BIAS FREQUENCY ADJUSTMENTS

(1) connect counter to T100(BS);

(2) R/P swith in recording state;

(3) Adjusting T100 use a plastic screw, AC bias frequency: 80KHZ.